

2010

Injury-related Emergency Dept. Visits MA Children, Ages 0-14 Years

There were **127,013** injury-related emergency department (ED) visits among Massachusetts children between the ages of 0-14 in FY2010. Approximately **1 in 9** children in this age group was treated for an injury. Falls were the leading cause of injury followed by struck-by or against an object.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Uninten- tional	Intentional		Undeter- mined	Other & Legal			
		Self- inflicted	Assault					
Cut/pierce	7,592	179	24	<7	<7	7,798	6.1	673.7
Drowning/submersion	51	0	0	0	0	51	0.0	4.4
Fall	43,279	<7	0	24	0	43,305	34.1	3,741.5
Fire/flame & burns	1,610	0	<7	10		1,624	1.3	140.3
Firearms	<7	0	<7	0	0	7	0.0	0.6
Machinery	50					50	0.0	4.3
Natural/environmental	5,870	0		3		5,873	4.6	507.4
<i>Dog bites</i>	1,794	0		0		1,794	1.4	155.0
<i>Other bites & stings</i>	3,691	0		0		3,691	2.9	318.9
<i>All other (e.g. extreme cold)</i>	385	0		3		388	0.3	33.5
Overexertion	9,061					9,061	7.1	782.9
Poisoning	1,746	137	0	155	0	2,038	1.6	176.1
Struck by, against	28,135	0	589	0	10	28,734	22.6	2,482.6
Suffocation/hanging	186	<7	<7	0		192	0.2	16.6
Transport Injuries:	7,534	0	<7	0	0	7,535	5.9	651.0
<i>Motor vehicle traffic-related</i>	3,610	0	<7	0	0	3,611	2.8	312.0
<i>Occupant</i>	2,833					2,833	2.2	244.8
<i>Motorcyclist</i>	37					37	0.0	3.2
<i>Pedal cyclist</i>	183					183	0.1	15.8
<i>Pedestrian</i>	359					359	0.3	31.0
<i>Other person</i>	37					37	0.0	3.2
<i>Unspecified person</i>	161					161	0.1	13.9
<i>Pedal cyclist, other</i>	3,183					3,183	2.5	275.0
<i>Pedestrian, other</i>	98					98	0.1	8.5
<i>Other transport</i>	643					643	0.5	55.6
Other specified & classifiable	7,696	<7	222	<7	<7	7,925	6.2	684.7
Other specified, not classifiable	1,831	49	161	37	0	2,078	1.6	179.5
Unspecified	5,356	16	107	200	<7	5,680	4.5	490.7
Adverse Effects						111	0.1	9.6
No cause or intent provided						4,951	3.9	427.8
TOTALS	119,999	387	1,116	436	13	127,013	100.0	10,973.8
Injury ED Visit Rate by Intent	10,367.8	33.4	96.4	37.7	1.1	n/a	n/a	n/a

Source: MA Emergency Department Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (October 1, 2009– September 30, 2010).

—Rates are per 100,000 residents. Rates provided here are age-specific. Counts less than 7 are suppressed and rates are not calculated; rates based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
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